

WHAT IS CLAIMED IS:

1. A polymer composite comprising at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) in the range of from 50-30, at least one filler and optionally at
5 least one cross-linking agent.
2. A polymer composite according to Claim 1 wherein the raw polymer Mooney viscosity (ML 1+4 @ 100°C) is below 45.
3. A polymer composite according to Claim 1 wherein the raw polymer Mooney viscosity (ML 1+4 @ 100°C) is below 40.
- 10 4. A polymer composite according to Claim 1, wherein the polymer composite comprises a peroxide or sulfur curing system.
5. A process for preparing a polymer composite according Claim 1 comprising mixing at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) in the range
15 of from 50-30, at least one filler and optionally at least one cross-linking agent.
6. A process for the manufacture of a shaped article comprising the step of injection molding a polymer composite comprising at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity
20 (ML 1+4 @ 100°C) in the range of from 50-30, at least one filler and at least one cross-linking agent.
7. A process according to Claim 6, wherein the shaped article is seal, hose, bearing pad, stator, well head seal, valve plate, cable sheathing, wheel roller, belts, in place gaskets or pipe seal.